

# **DART SERVICE INSTRUCTION**

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-616 REV.C

REF CANADIAN STC: SH96-10

REF FAA STC: SR00405NY

REF DANISH STC: 27/96 AND 28/96

REF UK CAA STC: 28097

REF DGAC FRANCE STC: 84-SI0995 AND 168-SI0996

## **PURPOSE:**

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI), IS TO PROVIDE INSTRUCTIONS FOR RELOCATING THE INSTRUMENT PANEL LIGHT POWER SUPPLY (POWER SUPPLY), IN ORDER TO FACILITATE INSTALLATION OF THE DART D350-616-011 EMERGENCY LITTER KIT.

## **PROCEDURE:**

**\*NOTE:** ALL MODIFICATIONS, DRILLING, FASTENER INSTALLATION AND RE-FINISHING OF AIRCRAFT STRUCTURES SHALL BE DONE IN ACCORDANCE WITH (IAW) THE AIRCRAFT MAINTENANCE AND OVERHAUL INSTRUCTION MANUAL. THIS DSI ALLOWS FOR RE-ROUTING ONLY OF WIRING HARNESS CONNECTED TO THE POWER SUPPLY. NO MODIFICATION (SHORTENING OR EXTENDING) OF THE WIRING HARNESSES IS PERMITTED UNDER THE AUTHORITY OF THIS DSI.




- 1) REMOVE BELLY PANELS.
- 2) LOCATE AND COMPLETELY DISCONNECT INSTRUMENT PANEL POWER SUPPLY (SEE FIGURE 1 FOR LOCATION).
- 3) REMOVE AND RETAIN ALL FASTENERS HOLDING POWER SUPPLY IN PLACE.
- 4) PLUG EXISTING FASTENER HOLES WITH SUITABLE HARDWARE.
- 5) RELOCATE POWER SUPPLY TO LOCATION SHOWN IN FIGURE 1, ENSURING THAT ALL EXISTING WIRING HARNESES ARE SUFFICIENTLY LONG TO REACH THE POWER SUPPLY. IT IS PERMISSIBLE TO ROTATE THE POWER SUPPLY 180° IF NECESSARY TO ALLOW THE WIRES TO REACH.
- 6) TRANSFER MARK FASTENER HOLES FROM THE POWER SUPPLY TO AIRCRAFT AND DRILL Ø0.201 - Ø0.204" (Ø5.10mm - Ø5.20mm) THRU THE FLOOR PANEL.
- 7) RE-INSTALL POWER SUPPLY AS SHOWN IN FIGURE 1 USING ORIGINAL HARDWARE.
- 8) RE-ROUTE AND RECONNECT WIRING HARNESSES. CLAMP WIRE HARNESSES TO AIRCRAFT STRUCTURE AS REQUIRED IAW THE AIRCRAFT MAINTENANCE AND OVERHAUL INSTRUCTION MANUAL.
- 9) PERFORM A FUNCATIONAL CHECK OF THE INSTRUMENT PANEL LIGHTING IAW AIRCRAFT MAINTENANCE MANUAL TO ENSURE INSTRUMENT PANEL LIGHTS ARE STILL FUNCTIONING PROPERLY, AND CONDUCT AN EMI CHECK PER CHAPTER 11-107 OF AC43.13-1B CHG 001.

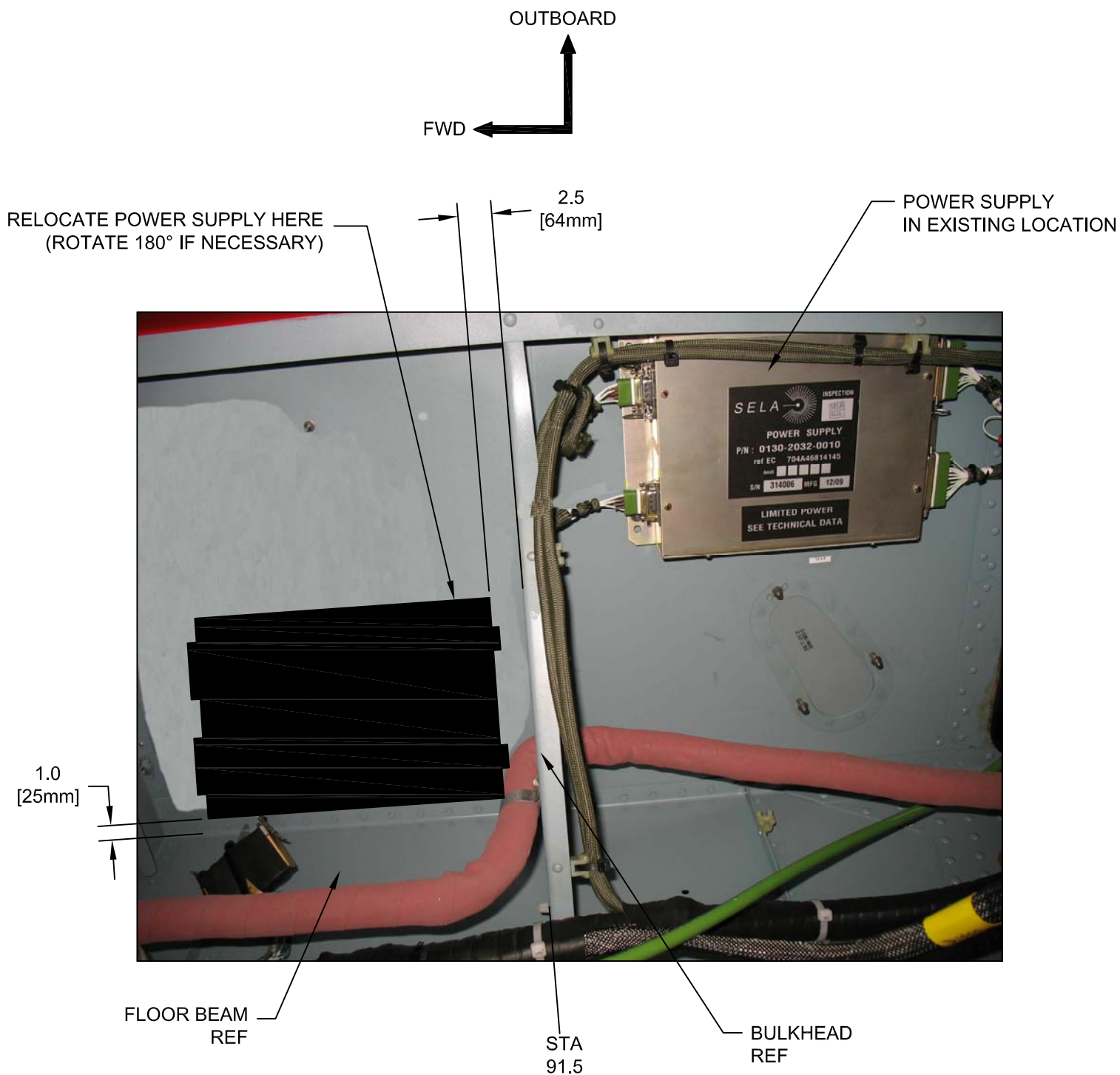
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

**APPROVED**

BY:   
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**FIGURE 1: POWER SUPPLY RELOCATION**  
VIEW LOOKING UP FROM UNDERNEATH AIRCRAFT

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